



Ultracoat Toning Base

Two-component, water-based toning base coat with high isolating capacity, very low emission of volatile organic compounds (VOC) and no NMP, for Ultracoat water-based finishing cycles on wooden floors



WHERE TO USE

Preparation of traditional and pre-sanded wooden floors and existing wood floors requiring repair prior to applying water-based finishing cycles.

TECHNICAL CHARACTERISTICS

Ultracoat Toning Base is a two-component, water-based toning base coat characterised by its high isolating capacity, excellent covering properties, easy sanding and ease of application. Minimises problems caused by overlaps.

Ultracoat Toning Base has been developed to enhance the natural colour of wood similarly to traditional solvent-based undercoats, without creating undesired colour variations in species rich in tannins or other extracts (oak, teak, etc.). These properties mean it is particularly recommended for more difficult species where enhancement of the natural colour of the wood is required without causing it to darken or redden. Thanks to its high content of solid residues, with **Ultracoat Toning Base** it is also possible to apply just one single coat of **Ultracoat** one-component or two-component finish, depending on the final use of the floor. **Ultracoat Toning Base** contains no solvents or NMP (N-Methyl Pyrrolidone), and has very low emission of volatile organic compounds (VOC).

RECOMMENDATIONS

- Do not use **Ultracoat Toning Base** at temperatures lower than +10°C.
- Do not use on external surfaces.
- Before use, acclimatize the product to the temperature of the area where it is applied.
- Use only clean containers and tools.

- Environmental conditions and the level of humidity in the wood must comply with current norms and standards.
- Do not put leftover product back into its original container.
- At high temperatures, we recommend diluting the product up to 10% with water or **Ultracoat EL**.

APPLICATION PROCEDURE

Preparation of the substrate

Sand wooden floors with coarse and medium-grained sandpaper and remove all traces of dust with a vacuum cleaner. Grout cracks and irregularities in the surface with **Ultracoat Aqua Plus** or **Ultracoat Binder**, according to the instructions on the relevant Technical Data Sheet. Remove all traces of dust after sanding. Apply a coat of **Ultracoat Toning Base** with a brush or roller (**Ultracoat Roller Plus**). Apply a second coat of **Ultracoat Toning Base** or a coat of **Ultracoat** water-based finish after at least two hours and within 5 hours, or wait 16/24 hours, buff the surface with an **Ultracoat SR 180/ 220** pad, carefully remove all traces of dust and apply a coat of **Ultracoat** water-based finish with a brush or roller (**Ultracoat Roller Finish**). If the waiting time before applying the finishing coat is too long, we recommend just buffing the surface with an **Ultracoat SR 220** pad.

For finishing cycles, follow the instructions on the relevant Technical Data Sheet.

Preparation of the product

Carefully mix the two components together until they are completely blended. The mix may be diluted with up to 10% of clean water or with **Ultracoat EL**.

Ultracoat Toning Base



TECHNICAL DATA (typical values)		
PRODUCT IDENTITY		
	comp. A	comp. B
Consistency:	liquid	liquid
Colour:	milky white	transparent
Density (g/cm³):	1,030	1,075
APPLICATION DATA (at +23°C and 50% R.H.)		
Pot life of mix:	2 hours	
Mixing ratio:	comp. A: comp. B = 5 : 1 (in volume)	
Maximum permitted dilution ratio (Dir. 2004/42/EC):	10% with clean water or Ultracoat EL	
Buffing:	after 16/24 hours	
Varnishing (without sanding):	after 2 hours and within 5 hours	

(Dir. 2004/42/EC). Leave the product to stand for 10 minutes before application. The mixture prepared as described above must be applied within 2 hours.

Application of the product

Apply **Ultracoat Toning Base** with a brush or roller (**Ultracoat Roller Plus**). For spray application, dilute with up to 10% water if required.

Cleaning

Clean residues of **Ultracoat Toning Base** from tools with water while the product is still fresh. Once hardened, the product may only be removed mechanically.

CONSUMPTION

80-100 g/m² per coat.

PACKAGING

6 litre kits (A + B).

Protect from freezing weather. For transport at low temperatures, use vehicles with temperature-controlled units.

STORAGE

12 months in its original, sealed packaging in a dry place.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Ultracoat Toning Base comp. B is an irritant, and may provoke rashes in those subjects allergic to such products. We recommend using protective gloves and goggles when mixing and applying the product.

For further and complete information about the safe use of our product please refer to our latest version of the Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com



All relevant references for the product are available upon request and from www.mapei.com



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